



## SEQUENCE LISTING

<110> KIEFFER, TIMOTHY J.  
CHEUNG, ANTHONY T.

<120> COMPOSITIONS AND METHODS FOR REGULATED PROTEIN  
EXPRESSION IN GUT

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<140> 09/804,409

<141> 2001-03-12

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<170> PatentIn Ver. 2.1

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&lt;213&gt; Mus musculus

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&lt;212&gt; DNA

&lt;213&gt; Mus musculus

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&lt;212&gt; DNA

&lt;213&gt; Mus musculus

&lt;400&gt; 7

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      20             25             30

Ser His Leu Val Glu Ala Leu Tyr Leu Val Cys Gly Glu Arg Gly Phe
      35             40             45

Phe Tyr Thr Pro Lys Thr Arg Arg Glu Ala Glu Asp Leu Gln Val Gly
      50             55             60

Gln Val Glu Leu Gly Gly Gly Pro Gly Ala Gly Ser Leu Gln Pro Leu
      65             70             75             80

Ala Leu Glu Gly Ser Leu Gln Lys Arg Gly Ile Val Glu Gln Cys Cys
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Thr Ser Ile Cys Ser Leu Tyr Gln Leu Glu Asn Tyr Cys Asn
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 <213> Homo sapiens

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Phe Tyr Val Gln Ala Val Pro Ile Gln Lys Val Gln Asp Asp Thr Lys
                20                      25                      30

Thr Leu Ile Lys Thr Ile Val Thr Arg Ile Asn Asp Ile Ser His Thr
      35                      40                      45

Gln Ser Val Ser Ser Lys Gln Lys Val Thr Gly Leu Asp Phe Ile Pro
      50                      55                      60

Gly Leu His Pro Ile Leu Thr Leu Ser Lys Met Asp Gln Thr Leu Ala
      65                      70                      75                      80

Val Tyr Gln Gln Ile Leu Thr Ser Met Pro Ser Arg Asn Val Ile Gln
                85                      90                      95

Ile Ser Asn Asp Leu Glu Asn Leu Arg Asp Leu Leu His Val Leu Ala
      100                      105                      110

Phe Ser Lys Ser Cys His Leu Pro Trp Ala Ser Gly Leu Glu Thr Leu
      115                      120                      125

Asp Ser Leu Gly Gly Val Leu Glu Ala Ser Gly Tyr Ser Thr Glu Val
      130                      135                      140

Val Ala Leu Ser Arg Leu Gln Gly Ser Leu Gln Asp Met Leu Trp Gln
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Leu Asp Leu Ser Pro Gly Cys
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 <213> Homo sapiens

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<212> PRT

<213> Homo sapiens

<400> 13

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35 40 45

Pro Ala Gly Ser Gly Leu Gln Arg Ala Glu Glu Ala Pro Arg Arg Gln  
50 55 60

Leu Arg Val Ser Gln Arg Thr Asp Gly Glu Ser Arg Ala His Leu Gly  
65 70 75 80

Ala Leu Leu Ala Arg Tyr Ile Gln Gln Ala Arg Lys Ala Pro Ser Gly  
85 90 95

Arg Met Ser Ile Val Lys Asn Leu Gln Asn Leu Asp Pro Ser His Arg  
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Ile Ser Asp Arg Asp Tyr Met Gly Trp Met Asp Phe Gly Arg Arg Ser  
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Ala Glu Glu Tyr Glu Tyr Pro Ser  
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<212> DNA

<213> Homo sapiens

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<210> 15

<211> 1362

<212> DNA

<213> Rattus sp.

&lt;400&gt; 15

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&lt;210&gt; 16

&lt;211&gt; 217

&lt;212&gt; PRT

&lt;213&gt; Homo sapiens

&lt;400&gt; 16

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Cys Leu Pro Trp Leu Gln Glu Gly Ser Ala Phe Pro Thr Ile Pro Leu
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Ser Arg Pro Phe Asp Asn Ala Met Leu Arg Ala His Arg Leu His Gln
      35              40              45

Leu Ala Phe Asp Thr Tyr Gln Glu Phe Glu Glu Ala Tyr Ile Pro Lys
      50              55              60

Glu Gln Lys Tyr Ser Phe Leu Gln Asn Pro Gln Thr Ser Leu Cys Phe
      65              70              75              80

Ser Glu Ser Ile Pro Thr Pro Ser Asn Arg Glu Glu Thr Gln Gln Lys
      85              90              95

Ser Asn Leu Glu Leu Leu Arg Ile Ser Leu Leu Leu Ile Gln Ser Trp
      100              105              110

Leu Glu Pro Val Gln Phe Leu Arg Ser Val Phe Ala Asn Ser Leu Val
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Tyr Gly Ala Ser Asp Ser Asn Val Tyr Asp Leu Leu Lys Asp Leu Glu
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Glu Gly Ile Gln Thr Leu Met Gly Arg Leu Glu Asp Gly Ser Pro Arg  
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165 170 175

His Asn Asp Asp Ala Leu Leu Lys Asn Tyr Gly Leu Leu Tyr Cys Phe  
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<211> 799

<212> DNA

<213> Homo sapiens

<400> 17

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<210> 18

<211> 1167

<212> DNA

<213> Rattus sp.

<400> 18

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